

## GENERIC MATERIAL

# *POLYVINYL CHLORIDE* *(PVC)*

### COMMERCIAL SUPPLIER

Alpha Gary  
Colorite  
PolyOne

### COMMERCIAL NAME

Alpha PVC, Dural  
Unichem  
Geon

### TYPICAL APPLICATIONS

Medical/Healthcare Products, Automotive Applications, Household Items and Electronic Extruded Wire Covering.

### ADVANTAGES

- > Processed by thermoplastic methods
- > Wide range of flexibility
- > Flame Retardant
- > Dimensional stability
- > Low cost

### DISADVANTAGES

- > Attacked by several solvent types
- > Limited thermal capability
- > Over heating may cause harmful vapors
- > Stained by sulfur compounds
- > Higher density than many plastics